Overarching Materiel Readiness Integrated Product Team Meeting (OMRIPT) 03 February 05

USMC MARCORLOGCOM

Studies and Analysis Department

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OMRIPT Agenda
03 February 05

- **Overarching Materiel Readiness IPT**
- **Opening Comments**
- **OMRIPT/MRIPT Background**
- **Where we have been……..**
- **Marine Corps Equipment Readiness Information Tool (MERIT) Demonstration**
- **Decision Support Capability (DSC)**
  - Total Life Cycle Management – Assessment Tool (TLCM-AT)
  - Total Support Cost (TSC)
- **Current Issues**
- **New Issues**

Accomplishments

- **Weekly to Daily**
- **Owning Unit TAMCN Report**
- **Email Alert (TAMCN and Organization)**
- **Display RM4 Remarks**
- **Reconciliation (SASSY/LM2MIMMS/MARES)**
- **My MERIT Portfolio**
- **Unsuccessful MERIT load notification**
- **Drilldown Capability for ATLASS II+**
- **Organizational Readiness Summary Page**
- **DLA Partnering (WebCats/MRO Tracking)**
- **Pacing Designation (MEE)**
- **NIPR and SIPR**
- **Enterprise View (In Stores)**
- **Readiness Reporting and Drilldown for "Non-readiness" Reportable TAMCNs**

Recommendations Aug 2004

- HQMC official endorsement/mandate
- Include MERIT functionality in GCSS-MC
- Education and training
  - Marketing
  - User's manual
  - Tutorial program
  - Formal schools
  - Facilitated by MCLCAT
- Functionality improvements
  - Roll-up reports for Reg, MAG and IMA
  - Records/data history
  - Represent all units

Challenges

- MPF Data Integration
- GCSS MC Integration
- Security Classification (MarFor Support)
  - .mil (challenge)
  - SORTS requirements
- Charter
- Continue Development or Mission Complete
- Integrated Readiness Calculations (IRC)

SECURITY ISSUES

- Detailed logistics/sustainment plans or operations revealing vulnerabilities, weaknesses or strengths or based on classified plans or operations
- Details of logistics shortfalls impacting mission accomplishment or that identify vulnerabilities that could be exploited
- Vulnerabilities and readiness of U.S. or allied forces, including personnel, equipment, and supply shortfalls

SECURITY ISSUES

- Sustainability of deployed major U.S. weapons
- Details of logistics shortfalls negatively impacting mission accomplishment or that identify vulnerabilities that could be exploited
- Concept of operations, total resources required, and objectives, other than those specifically stated to the public through official channels

SECURITY ISSUES

- SORTS
  - Display C-Levels
  - Color Coding
  - Algorithms

NEW ISSUES

- Operation Scheduler
- Data Quality at User Level
- NMCI – CAC Cards
- MCO 3000.11D Update

AWARDS CEREMONY

- **17 Feb 05 MERIT Awards Ceremony @ MCLC, Albany, Georgia**

- **Awards 2005**
  - **Excellence.Gov Federal CIO Award**

- **Awards 2004**
  - **Department of Defense CIO Award**
  - **Department of Navy eGov Award**
  - **AFEI Excellence in Enterprise Integration Award**
  - **Government Computing News Award – New Applications**

- **Awards 2003**
  - **AFEI Excellence in Enterprise Integration Award – Honorable Mention**
  - **Government Computer News Award Nomination**

MERIT 1.3.0

- Total Support Cost (COR)
- BCS3
- TLCM AT
- SCOPE II
- Fire Support Information Tool
- Non Readiness Reportable Enterprise View
- Organizational TAMCN Summary

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MERIT 1.3.0

- Fault Isolation Model
- MSST
- Enhanced Help
- MPF Drill-down
- Recomp
- Oracle Discover Query Capability
- Operation Scheduler
- MERIT Maintenance

Recommendations

- Finish enterprise accountability
- Take MERIT to the SGEWG
- Enhanced reconciliation features for supply community
- Continue to encourage the use of MERIT

Taskings for the MRIPT

- Obtain feedback from Commanders for Summary Pages
- Apply SORTs Business Rules to the Organizational Summary Page

Materiel Readiness Integrated Product Team Meeting (MRIPT) 03 – 04 February 05

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Studies and Analysis Department

Pam Dervan

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MRIPT Agenda
03 - 04 February 05

- **Overarching Materiel Readiness IPT**

✓ **Opening Comments**
- **Review**

- **Marine Corps Equipment Readiness Information Tool (MERIT) Demonstration/Discussion**
  - Demonstration of Release 1.2.5.0
  - Status of Recommended Enhamcements
  - Pending Release 1.3.0

- **Decision Support Capability (DSC)**
  - Total Life Cycle Management – Assessment Tool (TLCM-AT)
  - Total Support Cost (TSC)

✓ **Total Force Structure Management System (TFSMS)**

✓ **Marine Corps Equipment Review Group (MCERG)**

✓ **Global Combat Service Support Marine Corps (GCSS MC)**

MRIPT Agenda
03 - 04 February 05

- **Marine Corps Policy**

- **Previous Issues**
  - WOLPH IPT
  - Organizational Readiness Summary
  - Materiel Readiness Drivers
  - MERIT Training and Demonstrations
  - Teaming With MCLAT
  - ✓ Security Classification
  - MRIPT Charter
  - MARADMIN MERIT Marine Corps Standard
  - Integrated Readiness Calculation
  - Logistics Readiness Brief
  - Contractor Logistics Support

- **New Issues**
  - Various Topics
  - Howitzer Information Tool

MRIPT Agenda
03 - 04 February 05

- **Communication**
- **Awards Ceremony**
- **Closing Remarks**

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Marine Corps Equipment Readiness Information Tool

(MERIT)

1.2.5.0

MERIT – Release 1.2.5.0

- InStores (reportable only) **ADD details**
- Non-Reportable TAMCN Information
- Email Alert by Organization
- Tabular Drill Down by Organization
- Control Charts by Organization
- Customize Readiness Threshold for My MERIT
- NSN by Serial Number Search
- Age of Documents on Tabular Side
- International Phone Number Support
- Filter by MEE
- Days Deadlined Column Added
- DLA Filters

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MERIT – Status of Recommended Enhancements

MERIT – Status of Recommended Enhancements

- Infantry Weapons Gage Calibration Program (IWGCP)
- Page Default - ERO Subfolders
- Establish Link from Homepages
  - MARFOR, MEF, MCB, MSC, Formal Schools
- Expand NSN Search to Include Inv Mgr POC
  - SMBMATCOMCUSTOMERRELATIONSMGMTOFFICE@LOGCOM.USMC.MIL
  - 1-877-LOGUSMC (1-877-564-8762)
  - DSN 567-6766/66/67

Marine Corps Equipment Readiness Information Tool

(MERIT)

1.3.0

What’s Next????

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MERIT – Release 1.3.0

- **TSC (COR)**
- **BCS3**
- **TLCM-AT**
- **SCOPE II**
- **Fire Support**
- **NR Enterprise View**
- **Org/TAMCN Summary**
- **Fault Isolation Mode**
- **MSST**
- **Help**
- **DQM**
- **MPS Drilldown**
- **RECOMP**
- **Oracle Discoverer**
- **Operation Scheduler**
- **MERIT Maintenance**
- **MERIT Other**

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Decision Support Capability

(DSC)

DSC

- TLCM-AT
  - Drop Down Menu
    - Contingency
    - Unit
- TSC
  - Capture RIP Costs
- Depot Maintenance RSA
  - MSST
  - Visibility of Cost Data
  - Visibility of Repair and Return Items
- Combat Replacement Factors

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Total Force Structure Management System

(TFSMS)

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Marine Corps Equipment Requirements Group (MCERG)

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Global Combat Support System Marine Corps

(GCSS MC)

Previous Issues

Previous Issues

- **WOLPH IPT**
- **Organizational Readiness Summary**
- **MR Drivers (2 Add Ons)**
- **MERIT Training and Demonstrations**
- **Teaming with MCLAT**
- **Security Classification**

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WOLPH IPT Update

WOLPH/WIR

- **IPT Status Update**
- **SIPR Version**
- **Search Function**
  - **WIR by PEI Serial Number and/or TAMCN**

WOLPH IPT
Recommendations for Enhancements

- Standardize fields/requirement for consistent entry. Change the project code, signal code, and condition code fields to mandatory entries.
- Build tables to automatically populate nomenclature, TAMCN, and UI fields when the NSN is input.
- Provide drop-down options for:
  - Project code, signal code, condition code and “other fields” (the other field requires input)
  - Send follow-up on pending WIR’s

WOLPH IPT
Recommendations for Enhancements

- Update WIR w/automatic A0_ option:
  - Automatically populate fields from the WIR input, i.e., NSN, project code, etc., into identical fields on the A0_.
  - Automatically populate document number (policy dictates the WIR/A0_ match for tracking/reconciliation.
  - Make the NSN field editable to allow reqn for substitute NSN.
  - Have A0_ self populate the “ship to” address from the signal code entry.
  - Add advice code field.

WOLPH IPT Recommendations for Enhancements, con't.

- Provide the ability to add attachments to the WIR, such as LTI sheets, supporting documents, pictures of equipment to help the item managers make the correct decisions.

- Insert foot in bold red type "Ensure you load a Z0A on your records to create due-in.

- Make adhoc queries more user friendly and standardized with Excel download capabilities.

WOLPH IPT
Recommendations for Enhancements, con't.

- Ability to respond to a modified WIR or Interim Response and have it close out all open WIR's under the same document number.

- Generate e-mail notification to the item manager whenever requesting unit cancels a pending WIR.

- Expand serial number field.

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Organizational Readiness Summary

Organizational Readiness Summary

- **SNAPSHOT/DASH\BOARD** aggregate view of the level selected, maintenance, and supply analysis readiness data. This is intended to incorporate some of the old FSMAO type front-end analysis.
- **MARFOR/MEF/MSC/UNIT** provided a snapshot of their subordinate commands.
- **DASF MGMT** build the capabilities of the DSM into MERIT.
- **EMAIL** MEF/MARFOR/MSC can receive in their email.

Materiel Readiness Drivers

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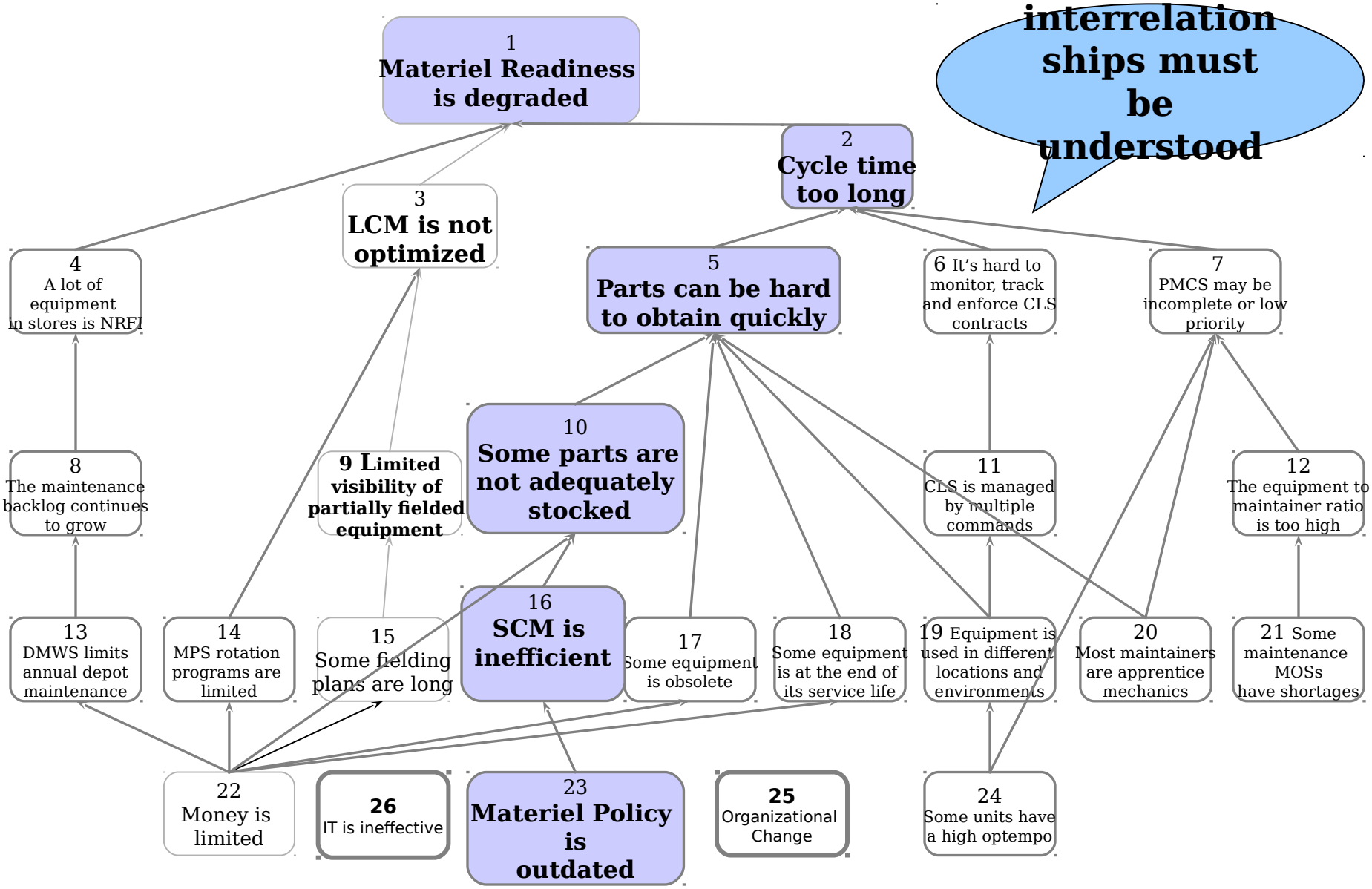
Results

...readiness drivers determined


interrelation ships must be understood
1 Materiel Readiness is degraded
2 Cycle time too long
3 LCM is not optimized
4 A lot of equipment in stores is NRFI
5 Parts can be hard to obtain quickly
6 It's hard to monitor, track and enforce CLS contracts
7 PMCS may be incomplete or low priority
8 The maintenance backlog continues to grow
9 Limited visibility of partially fielded equipment
10 Some parts are not adequately stocked
11 CLS is managed by multiple commands
12 The equipment to maintainer ratio is too high
13 DMWS limits annual depot maintenance
14 MPS rotation programs are limited
15 Some fielding plans are long
16 SCM is inefficient
17 Some equipment is obsolete
18 Some equipment is at the end of its service life
19 Equipment is used in different locations and environments
20 Most maintainers are apprentice mechanics
21 Some maintenance MOSs have shortages
22 Money is limited
26 IT is ineffective
23 Materiel Policy is outdated
25 Organizational Change
24 Some units have a high optempo

MERIT Training and Demonstration Schedule

MERIT - FY 05 Training and Demonstrations

Completed Training

- ✓ *II MEF Oct*
- ✓ *HQ LRCC Oct*
- ✓ *I MEF Dec*
- ✓ *TLOC Dec*
- ✓ *SYSCOM Dec*
- ✓ *II MEF Dec Deploying CMDRs*
- ✓ *MARFORRES Jan*
- ✓ *DSCC Columbus Jan*
- ✓ *MARFORPAC Jan*

Upcoming Training

- o *MCLAT Feb*
  "Train the Trainer"
- o *SYSCOM Mar*

Completed Demo's

- ✓ *Logistics Modernization Integration Day Nov*
- ✓ *CNO Presentation Nov*
- ✓ *OSD Materiel Readiness Modeling Off-site Jan*
- ✓ *BGen Neller Brief Jan*

Upcoming Demo's

- o *Mid-Atlantic Logistics Conference 29-31 Mar*
- o *Marine Corps Exposition South 6-7 Apr*
- o *SOLE - International Society of Logistics Fall 05*

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Teaming With MCLAT

MERIT – Teaming with MCLAT

- MCLAT/LMT to Albany
- Help & Manual Documentation
- Training at Formal MC Schools
  - Commanders Course
- Train the Trainer

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Security Classification

SECURITY ISSUES

- Detailed logistics/sustainment plans or operations revealing vulnerabilities, weaknesses or strengths or based on classified plans or operations
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SECURITY ISSUES

- SORTS
  - Display C-Levels
  - Color Coding
  - Algorithms

Previous Issues (Booklet)

- **MRIPT Charter**
- **MARADMIN MERIT Marine Corps Standard**
- **Integrated Readiness Calculation**
- **Logistics Readiness Brief (Discussion Only)**
- **Contractor Logistics Support (Discussion Only)**

New Issues

NEW ISSUES

- Link to Critical Low Density
- Data Quality at User Level
- NMCI – CAC Cards
- Contract Support Team Problems Accessing
- MEF Enterprise Queries
- Howitzer Information Tool

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HOWITZER INFORMATION TOOL

- Automate Gun Book Data
- Calculate Mean Time Metrics (e.g. MTBF, MTTR, MLDT, etc.)
- Display Readiness Cost Drivers

COMMUNICATION

- Expand Audience
- Website Address
  - http://www.logcom.usmc.mil/generalstaff/studiesanalysis/
- Monthly PhoneCon

AWARDS CEREMONY

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  - **Government Computing News Award – New Applications**
- **Awards 2003**
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  - **Government Computer News Award Nomination**
- **Feb 17 Awards Ceremony**

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CLOSING REMARKS

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Depot Maintenance Use Cases

Out Year ***Planned***

TAMCN X1234 – *No lower than MEF organizational level*

Out Year Qtr	**1**	**2**	**3**	**4**
Bar	14	15	13	15
Alb	16	14	14	13
BIC	10	11	12	10
Total	**40**	**40**	**39**	**38**

DERO funded

Current FY ***Planned and Actuals***

TAMCN X1234 – *No lower than MEF organizational level*

Current FY Plan/Actual	**2**	**3**	**4**
Bar	12 / 10	14/	15/	14/
Alb	15 / 14	12/	14/	15/
BIC	10 / 6	8/	9/	12/
CLS	2 / 2	2/	1/	3/
Total	**39 / 32**	**36/**	**39/**	**44/**

Automated MWS / AIMS / CAV II

Current Quarter *LOGCOM Summary*

TAMCN X1234 – *No lower than MEF organizational level*

Location	Complete	In Progress	
Bar		10	10
Alb		14	3
BIC		6	4
CLS		2	1
Total		**32**	**17**

SER#	ECD LOC
513235	5145 BAR
645289	5155 BAR
354698	5195 ALB
584665	5199 BIC
756885	5208 ALB
165578	5221 ALB
125756	5221 ALB

PRI EDD	UNIT LOC	
1	**I MEF**	
5150	ALB	
2	**MPS2**	
5152	BIC	
3	**II MEF**	5160 BAR
4	**I MEF**	
5200	BAR	
5	**III MEF**	5213 BAR
6	**I MEF**	5213 BIC
7	**I MEF**	

-Statement of work
-Production progress
-Changes

-Link to MSC of all TAMCNs

MWS / Production Status Report / AIMS / MCDSS

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Current Quarter ***Depot Summary***

TAMCN X1234 – *No lower than MEF organizational level*

Location	**Awt Ind Complete**	**In Progress**	
Alb	3	14	3

Pri	**SER# Plan**	—
1	687412 5005	
2	246875 5020	
3	364851 5060	

SER#	**ECD**
354698	5195
756885	5208
165578	5221
125756	5221

-Statement of work
-Production progress
-Changes

PRI	**UNIT EDD**	**LOC**	—
1	**I MEF** 5150	ALB	
2	**I MEF** 5226	ALB	
3	**II MEF** 5226	ALB	

-All MSC / all TAMCNs

MWS Production Status Report MCDSS

Current Quarter ***CLS Summary***

TAMCN X1234 – *No lower than MEF organizational level*

Location	**Awt Ind Complete**	**In Progress**	
RAYTHEON	3	14	3

Pri Plan	**SER#**	
1	955654	5005
2	231456	5020
3	456789	5060

-Statement of work

CAV II

SER#	**ECD**
874668	5195
785215	5208
354658	5221
135456	5221

-Statement of work
-Production progress
-Changes

CAV II

PRI	**UNIT**	**EDD**
1	**III MEF**	5160
2	**I MEF**	5266
3	**II MEF**	5296

-All MSC / all TAMCNs

MCDSS